SAHIL JAGAD

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EDUCATION

University of California, Irvine – BS Informatics, BS Business Information Management   *September 2019 – Present*
GPA: 3.88
Activities: Artificial Intelligence @ UCI, Association for Computing Machinery, Information and Computer Science Student Council
Completed Coursework: Python, Java, Information Retrieval, User Interaction Software, Project Management

EXPERIENCE

Software AI Infrastructure Intern – *NVIDIA*   *June 2021 – September 2021*
- Automated key user interactions by authoring scripts to abstract functionalities out of a Django application architecture and transferring them into automatic workflows
- Communicated and solved 28 user issues and requests for changes to internal applications
- Wrote and edited models in **Django** for database queries allowing for a simple and accessible method to view data
- Thrived under a Scrum format while learning technologies such as **Jira**, **Gerrit**, and **Docker**

Student Developer – *Information and Computer Science Council Project Committee*   *November 2020 – Present*
- Used **TypeScript** and **Redux** to add new drag and drop features to online 4-year course planner application Peter's Roadmap
- Assisted in the ideation and prototyping UI of Peter's Roadmap web application using **Figma**
- Maintained and implemented new features for popular, university sponsored web applications used by UCI students

Undergraduate Researcher – *UCI INsite Lab Aira Project*   *September 2020 – Present*
- Gather user data regarding improvements in accessibility UI/UX in smartphone design for blind or low-vision people
- Collaborate with accessibility experts to provide technological assistance to disabled community members using **Aira**
- Use Python libraries like Numpy, Pandas, Seaborn, Plotly, and Cufflinks to analyze and visualize data to streamline team processes and define team goals

SKILLS

Technical: Frontend Engineering, Backend Engineering, Mobile Application Development, Web Application Development
Soft: Leadership, Teamwork, Communication, Critical Thinking, Quick Learner, Public Speaking

TOOLS & TECHNOLOGIES

Python, Java, Swift, SQL, Git/Github, Gerrit, Jira, JavaScript, jQuery, Node.js, React.js, Django, MongoDB, Figma, Blender, Adobe Creative Cloud, Microsoft Office Suite

PROJECTS

Zot N' Seek   *October 2020*
- Conceived and designed website which allows user to interact with interactive images of locations in Irvine using **Figma**
- Implemented design and added location guessing functionality by utilizing **JavaScript**, **HTML**, **CSS**
- Hosted and made calls to database using **SQL** and **Heroku** to deploy website

Zoom Rooms   *December 2020*
- Constructed iOS mobile application using **Swift** to sort images and videos into folders by date or meeting time for easy screen share ability
- Improved efficiency of locating and sharing multiple files from iPhone on Zoom for local company Safari Kid

Should I Go   *March 2021*
- Designed and implemented front-end for health application that informs users if they are safe to travel based on Covid-19 location, symptom statistics, and CDC guidelines
- Authored simple NLP script for backend using NLTK Library that tokenized user imputed symptoms and utilized a cosine similarity algorithm to predict if user has COVID-19

CERTIFICATIONS/AWARDS

Machine Learning and Data Science with Python – *Udemy*   *April 2020*
Java Programming for Beginners– *Udemy*   *April 2020*
First Place Winner – UCI Information & Computer Science WebJam 2020
Best Health App – UCI Zot Hacks 2020
National Merritt Scholar Award Finalist